

The diagram illustrates the architecture of a Reverse Portal System, showing the flow of information between a User, Client Companies, and a Reverse Portal Server.

User (9): The User provides ID to trusted merchants (20) and sends User Configuration Information (17) to the Reverse Portal Server (73). The User's One-time Registration is stored in the Reverse Portal Server (73).

Client Companies (25): Multiple Client Companies (33-36) send messages to the Reverse Portal Server (20). The Client Company sends message and user's ID (40) to the Reverse Portal Server (20).

Reverse Portal Server (70): The Reverse Portal Server (70) receives information from the User and Client Companies. It stores User Configuration Information (17) and One-time Registration (9). It sends a message to the user's most appropriate device(s) (55). The Reverse Portal Server (70) is connected to the Reverse Portal (8).

Reverse Portal (8): The Reverse Portal (8) receives information from the Reverse Portal Server (70) and sends information back to the Reverse Portal Server (70). It displays Mandatory and Optional information to the user.

Devices (11-14): The Reverse Portal Server (70) sends messages to various devices (11-14): DEVICE (pager), DEVICE (mobile), DEVICE (fax), DEVICE (e-mail), and multiple DEVICE entries.

Information Flow:

- User provides ID to trusted merchants (20) to Client Companies (25).
- User Configuration Information (17) is sent from the User (9) to the Reverse Portal Server (73).
- Client Companies (25) send messages to the Reverse Portal Server (70).
- The Reverse Portal Server (70) sends a message to the user's most appropriate device(s) (55).
- The Reverse Portal Server (70) is connected to the Reverse Portal (8).
- The Reverse Portal (8) displays Mandatory and Optional information to the user.

Labels and References:

- 10: Overall system boundary
- 9: User
- 11-14: Various devices (pager, mobile, fax, e-mail, etc.)
- 17: User Configuration Information
- 19: Flash Number
- 20: Reverse Portal
- 25: Client Companies
- 33-36: Individual Client Companies
- 40: Client company sends message and user's ID
- 55: Reverse Portal sends message to user's most appropriate device(s)
- 70: Reverse Portal Server
- 73: Reverse Portal Server (labeled as such in the diagram)

THE FIGURE